

Cellular and Molecular Mechanisms in AD and Stroke

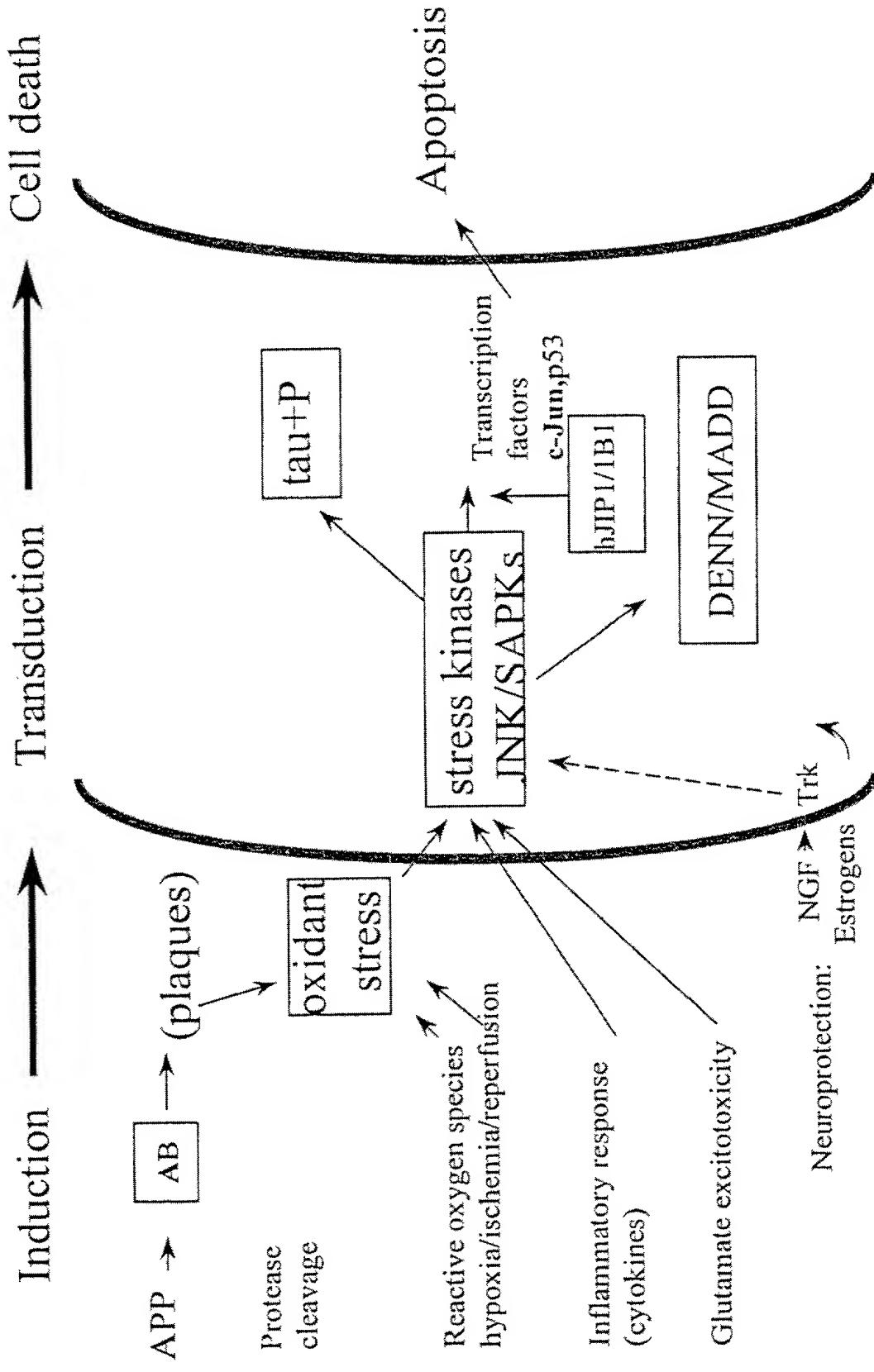
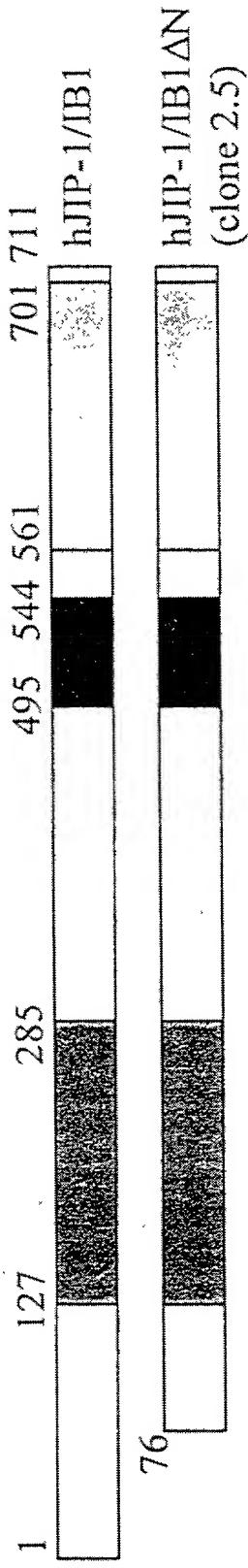


FIGURE 1

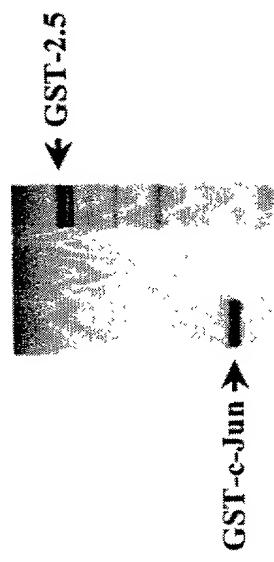
Human JIP-1/IB1



- JBD: JNK Binding Domain
- SH3 Domain
- PID: Phosphotyrosine Interaction Domain

FIGURE 2

A. JNK3 phosphorylates clone 2.5



B. Clone 2.5 inhibits phosphorylation of c-Jun by JNK3

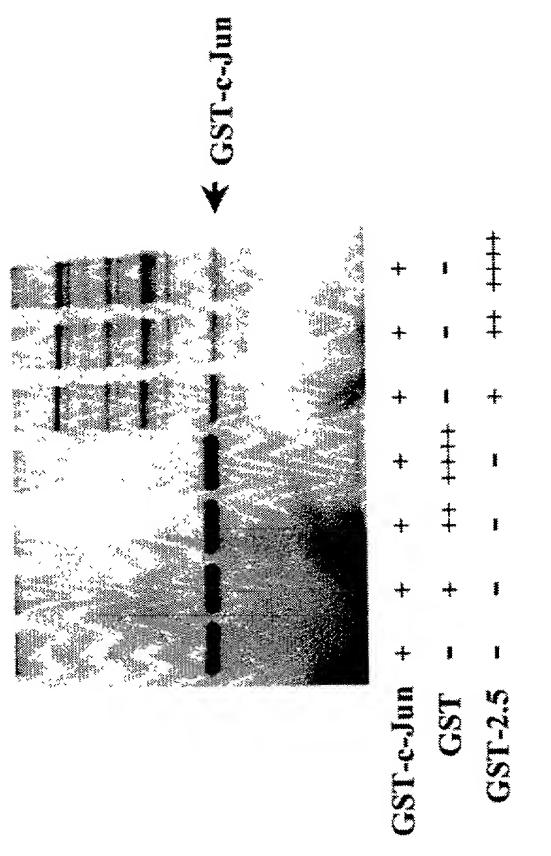


FIGURE 3

Multiple Tissue Distribution of Human JIP-1/IB1

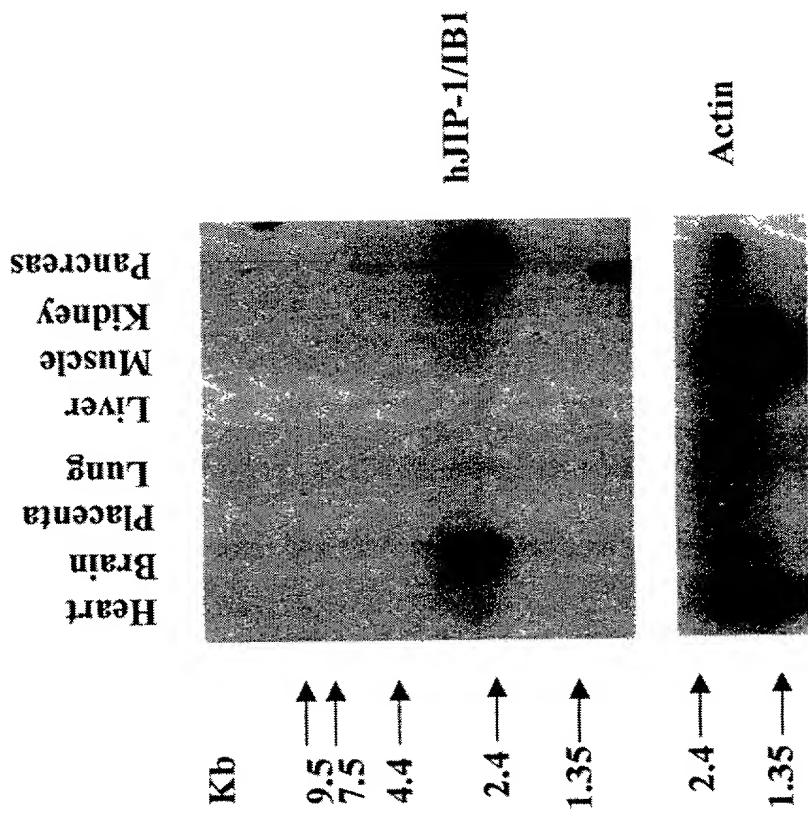
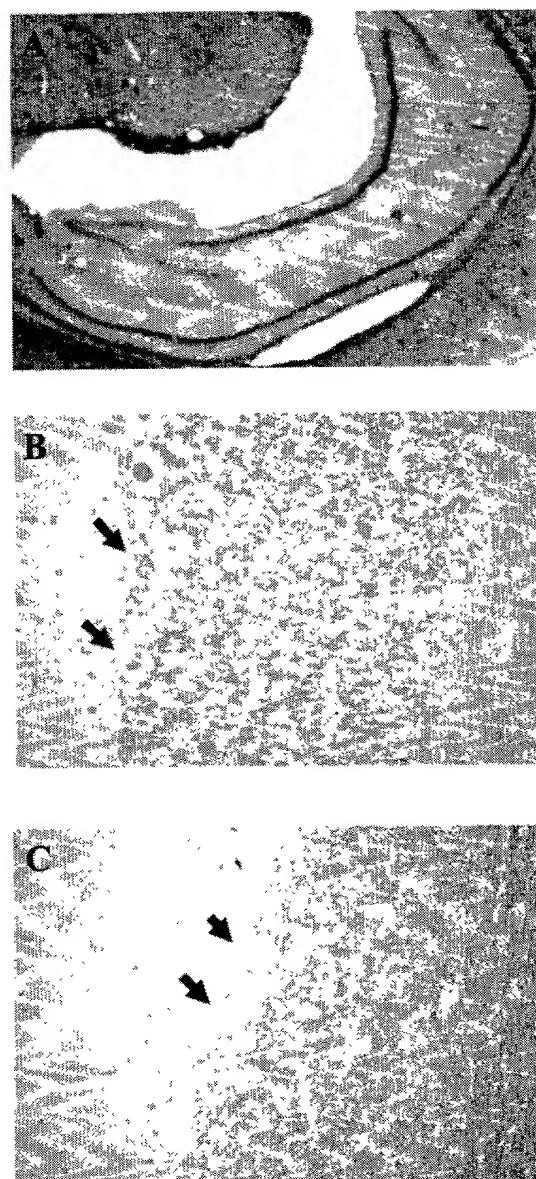


FIGURE 4

Anti-hJIP-1



- A. rat hippocampus**
- B. human cerebellum (normal)**
- C. human cerebellum (hypoxic)**

FIGURE 5

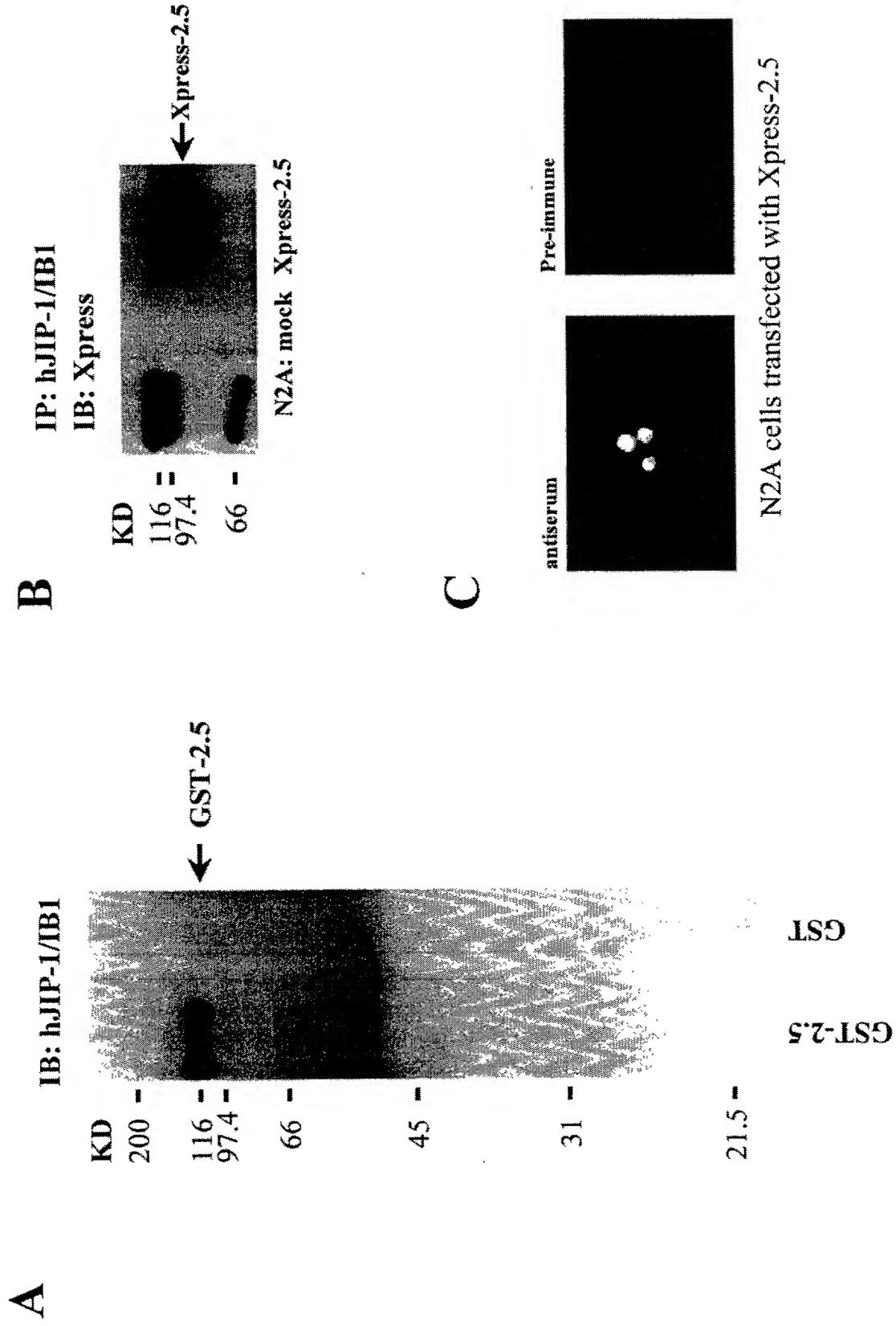


FIGURE 6

Rat Hippocampal Organotypic Culture

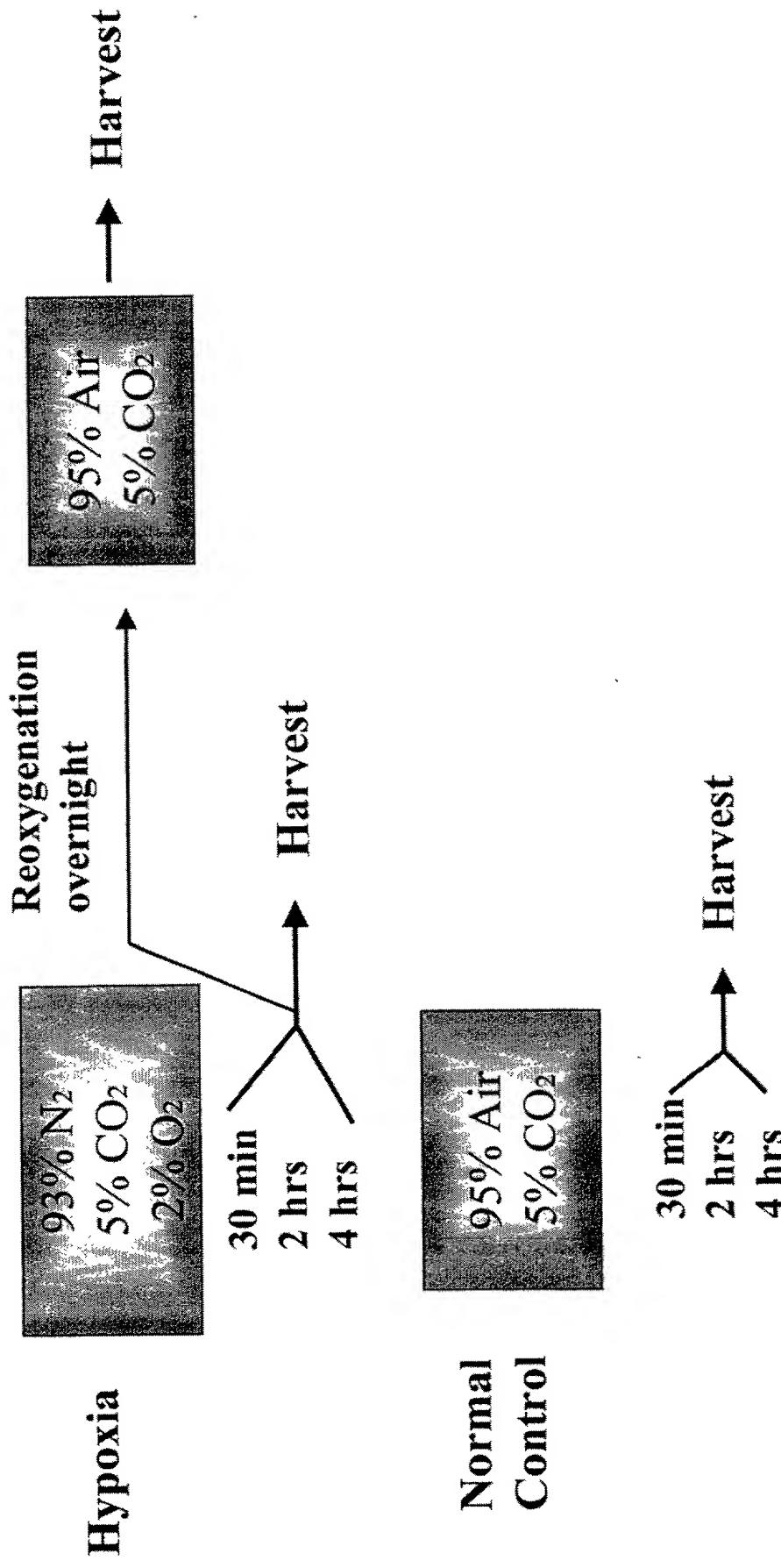
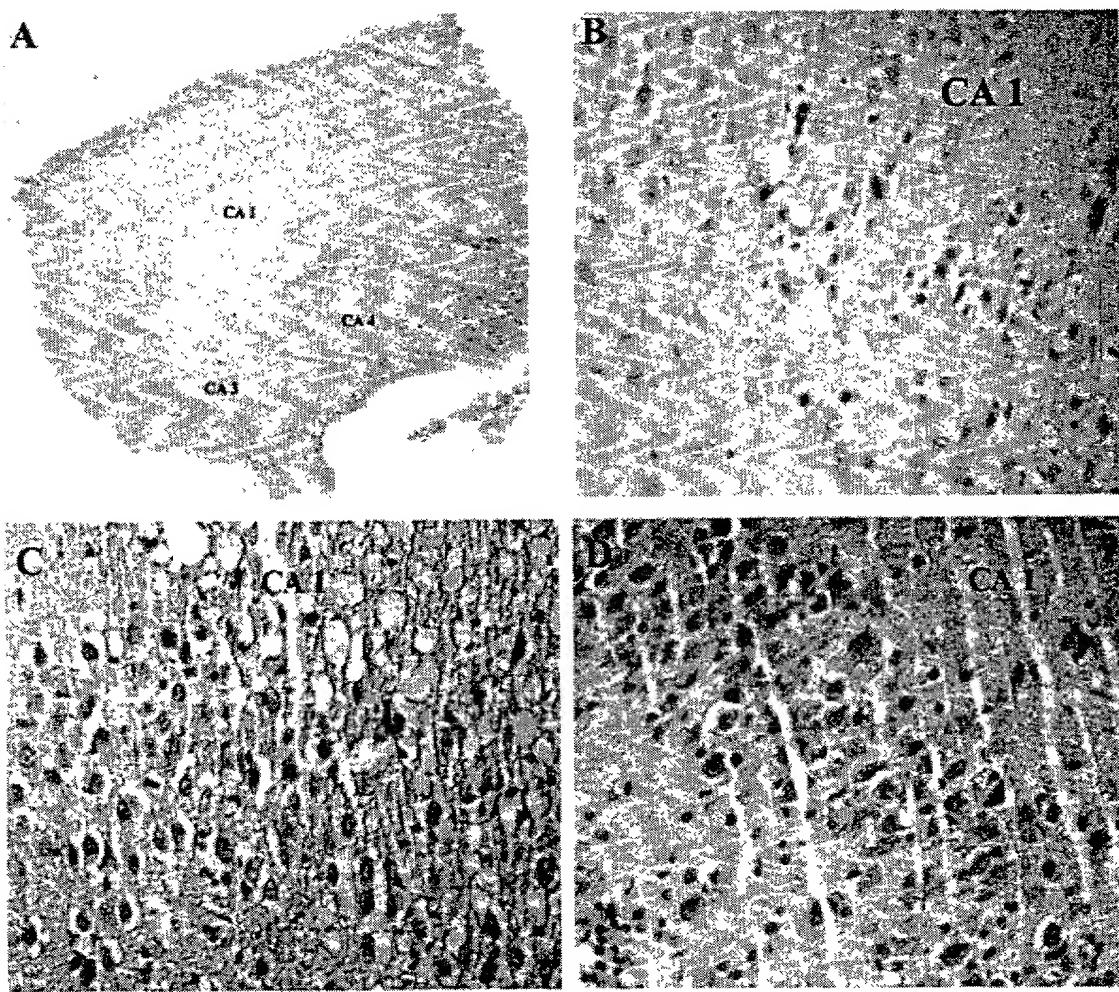


FIGURE 7

Organotypic Cultures: Rat Hippocampus

H & E



A. Hypoxia - 2 hrs.
C. Hypoxia/R - 4 hrs.

B. Hypoxia - 2hrs.
D. Normal - 4 hrs.

FIGURE 8

Hippocampal Organotypic Cultures

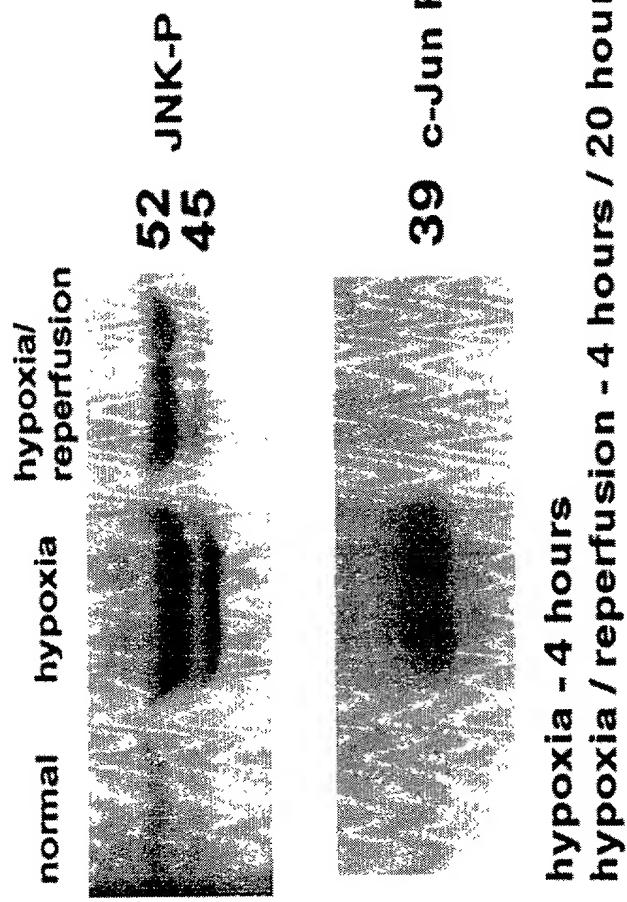


FIGURE 9